

Project Name; Meeman Shelby State Park Visitor Center Siding

Project Location; Meeman Shelby State Park
910 Riddick Road
Millington, TN 38053

General:

The contractor will be responsible for all materials, labor, and equipment required to install siding on Meeman Shelby State Park Visitor Center. All work is to be done in accordance with the latest IBC codes. Any deviations from the scope of work will be executed only after written approval is received. The contractor will be responsible for safety and security of the site during this project. Contractor will use caution tape and barriers where necessary. The contractor will be responsible for notifying park staff at the end of each day before leaving, as to ensure the site is secure. The contractor is responsible for disposal of all waste off state property.

The contractor is to visit site to obtain accurate measurements. This project must be completed prior to May 1, 2022.

Existing:

The Visitor Center was built in the mid 70's. The T1-11 wood siding is starting to deteriorate from moisture and the weather.

Scope: Install house wrap; install fiber cement board and batten siding and trim; caulk and paint Install rock accent walls on each side of the entrance doors.

A. Removal:

1. The contractor will be responsible for the removal of the existing wood trim on the visitor center.
2. The contractor will notify the listed contacts if any additional damage is found and not proceed until authorized.

B. Installation: (All materials will be supplied by the contractor)

1. The contractor will be responsible for the installation of house wrap over the existing siding. Any decayed siding will be removed and replaced.
2. The contractor will be responsible for the installation of flashing over the doors and windows. The flashing will have a z-bar shape and have a hem or crimp on the outside edge.
3. The contractor will install in a board and batten pattern with battens at 12 inches on center on the south facing (front) and east facing sides.

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4. The contractor will be responsible for installing new fiber cement trim around all doors, windows, inside and outside corners meeting all specifications listed.
5. The contractor will be responsible for installing new fiber cement fascia board.
6. The contractor will be responsible for installing new fiber cement board and batten siding to entire east facing side of the visitor center including exterior wall above metal roof. Installation of all new fiber cement material will be according to the manufacture's installation requirements. The contractor will be responsible for staying within the spacing requirements of the manufacture's recommendations.
7. The contractor will be responsible for caulking all butt joints, inside and outside corners, door and window trim, and anywhere caulking is required. (all butt joints will have weather barrier installed behind joint and caulked)
8. The contractor will be responsible for installing a L flashing at the bottom of the current and future siding to protect from water infiltration. Caulk as needed.
9. The contractor will be responsible for priming all fiber cement materials installed.
10. The contractor will be responsible for two coats of paint to all new hardie board n batten and trim. Paint exterior of bathroom doors.
11. The contractor will be responsible for removal of nine (9) windows by store front doors and install two (2) on both sides of store front doors solid (no grid) 5' x 64" new energy efficient, double-pane, low-E, argon gas windows, frame walls, install r19 insulation (or better), sheetrock interior walls, prime and apply two (2) coats of interior acrylic latex paint color shall be selected by park manager.
12. Contractor will remove existing store front doors and install new store front bronze frame energy efficient, double-pane, low-E, argon gas doors with threshold and hardware including panic bar.

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13. The contractor will provide and install stone veneer starting at east facing side of office building 40" inch above ground level and the entire length of the east facing wall of building. Install stone to exterior of three sides of restroom ground level to roof level. Install stone to beam above breeze way. Stone Veneer by Centurion Stone pattern Browns valley and Elkmont or an approved equal of color and style of stone with a 50 year warranty. Stonemasons and Stone Fitters with manufactures stone veneer experience minimum of 1 year is required, consult local building codes for hot and cold weather construction requirements.
14. Contractor will build two (2) concrete columns, cover columns with stone and center columns on each side of office door and attach columns to breeze way support beam. Remove existing concrete, pour footing to support columns.
15. Examine substrate to verify that wall framing sheathing, flashing and weather resistant sheathing paper are installed correctly and installation will result in a weather proof covering
16. Breeze way ceiling shall be frame for installing beaded vinyl ceiling with ten (10) led can lights equal spaced in breeze way ceiling.
17. Portland Cement: ASTM C150 Type 1 or Masonry Cement Type S ASTM Sand: ASTM C144 Natural or Manufactured Sand, Hydrated Lime: ASTM C207 Type S, Latex Additive: A bonding agent serving as Gaging water
18. Clean dirty or stained stone surface by removing soil stains and foreign materials before setting. Broken, chipped, stained or otherwise damaged stones are not to be used.

Materials:

Approval by Facilities Management required for all materials before installation.

House wrap:

Non-woven with 10-year warranty

Acceptable brands

Dupont, Kingspan (or equal)

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Siding:

Type	Fiber Cement board and batten with woodgrain
	with 30-year warranty
Acceptable brands	James Hardie Cedarmill, Allura (or equal)
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Corner trim:

Type	Fiber Cement with woodgrain with 30-year warranty
Outside corner	5/4 X 3.5 Inch
Inside corner	5/4 X 3.5 inch
Acceptable brands	James Hardie, Allura (or equal)

Window and door trim:

Type	Fiber cement with woodgrain with 30-year warranty
Size	5/4 X 3.5 inch
Acceptable brands	James Hardie, Allura (or equal)

Caulking:

Type	Elastomeric Joint Sealant complying with ASTM C920 Grade NS, class 25 or higher Or Latex Joint Sealant complying with ASTM C834
Acceptable brands	DAP, Titebond (or equal)

Finish:

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Exterior Paint

Exterior Acrylic Latex with Lifetime Limited
Warranty

Acceptable brands

Sherwin-Williams, PPG (or equal)

Color: to be determined by Park Manager

Moisture Barrier behind butt joints: Aluminum flashing

Acceptable brands

Union Corrugating, Amerimax (or equal)

Stone Veneer

Acceptable brands

Centurion/Clipstone

Style / Pattern

Browns Valley/ Elkmont mix

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PAINT SPECIFICATIONS:

I. SURFACE PREPARATION

- A. All surfaces to be painted shall be clean, cured, dry and free of rust, mill-scale, oil, grease, dirt, salts, wax, efflorescence, mildew, surface deposits or loose or scaling paint.
- B. All gaps must be filled with approved caulk.
- C. Glossy surfaces of old paint must be dulled.
- D. Prepared surface must be protected by use of specified and approved primer.
- E. Surface must be inspected by park Facilities Management representative prior to coating application, however, prepared non-protected metal substrates must be immediately primed.

II. COATING APPLICATION

- A. Coating may be applied by brush, applicator pad, roller, convention or airless spray in a minimum of two coats or as otherwise specified.
- B. Specific dry film thickness recommended by manufacturer must be achieved.
- C. Even coats, of complete coverage, which are free from sags, drips, streaks and bubbles must be obtained.
- D. Mixed coatings must be stirred thoroughly before and occasionally during use. Do not thin.
- E. Working conditions must be within manufacturer's recommendations.
- F. Owner will inspect prior to each subsequent coat.
- G. All label instructions must be followed.
- H. It shall be the responsibility of the contractor to insure a safe work environment for workers.
- I. Contractor will conduct activities within park operational guidelines to limit disruption to park patrons or staff.

III. WARRANTY PERIOD

- A. Materials and workmanship shall be warranted against streaking, fading, cracking, peeling or otherwise failing for a period of one (1) year following the date of final inspection of the work.

JOB SPECIFICATIONS:

Color

To be chosen by Park Manager

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Gloss % exterior	to be chosen by Park Manager
Tint base	Manufacturer's recommendation
Primer Vehicle/binder type	Latex
Finish coat Vehicle/binder type	Latex
Minimum coverage @ one mil DFT	400 to 500 sq. ft/gal
Application method	Sprayed, rolled or brushed
Acceptable surface preparation methods	Scrape/ sand

SUBMITTALS:

Prior to beginning any work, the contractor/vendor must submit the following for approval:

- Paint chip
- Primed/painted/cured substrate
- Paint/primer manufacturer's technical data sheet and MSDS sheet
- Wood filler, caulk and/or putty technical data sheet

Protection:

All bidders are advised to visit site to verify all conditions and dimensions. No allowances will be made by the agency due to any bidder neglecting to visit the site and verifying dimensions and conditions.

Contractor will perform work on regular time and will invoice work time and material not to exceed the quoted price. Any variance in quote will be addressed with a representative of Facilities Management, West TN Regional Office (WTRO) before additional work or materials are supplied.

Work shall be scheduled to avoid any interference with normal operation of the park as much as possible. During the construction period, coordinate construction schedules and operations with the agency. **Work must be conducted during the normal business hours of Monday through Friday, 8:00 a.m. to 4:30 p.m., unless approval for an alternate schedule is arranged with Facilities Management.**

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Successful contractor to schedule and attend a pre-construction conference where a pre-construction form will be signed by Facilities Management, Contractor and Park Manager or park representative before work can begin. Contractor must also schedule and attend a final inspection where a final inspection form will be signed by Facilities Management, Contractor and Park Manager or park representative before invoice will be paid.

Project will begin within 15 days of Purchase Order issuance and be complete by May 1, 2021, unless Facilities Management has approved other agreement.

The contractor will protect areas adjacent to his work and will be required to repair any damage he may cause. Contractor will protect work of other trades. Contractor will correct any painting related damage by cleaning, repairing or replacing, and refinishing as directed by Facilities Management.

Workmanship is to be warranted for not less than one year from date of final inspection. Materials will be warranted as per manufacturer's warranty.

All materials, equipment, and supplies are to be new and in good condition, UL listed when applicable, and all work accomplished in a manner acceptable to Facilities Management.

Submittals shall be required on all materials and must be presented for approval by the State of Tennessee representative.

Clean up of the project site shall be the responsibility of the contractor. Contractor to assure that job site is clean of nails, debris, etc., at end of each day to ensure safety. Contractor will clean up and haul away all scrap when work is completed to an approved location off state property.

Contractor, employees, or sub-contractors shall be licensed, certified, or registered as required. They must be registered in the State of Tennessee Edison purchasing system.

The contractor shall have a Certificate of Insurance on file with Facilities Management. Contractor will have insurance as will protect the contractor from

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claims which may arise out of or result from the contractor's operations under the contract and for which the contractor may be held legally liable, whether such operations be by the contractor or by sub-contractor or by anyone directly or indirectly employed by any of them, or anyone associated with them for whose acts they may be liable. Sub-contractors must also be registered in the State of Tennessee Edison purchasing system, be listed on the bid application and must show proof of insurance and have workers compensation. Insurance requirements are listed below.

The State of Tennessee shall not be held liable for any damage, loss of property, or injury of personnel resulting from actions of the contractor and/or his/her sub-contractors or employees.

Contractor shall obtain all fees and permits required for project. Contractor shall have a copy of project specifications, always permits and certificate of insurance on project site

Contractor shall comply with all applicable codes, standards, and regulations in execution of project. All work must conform to the International Building Code 2008.

Invoice shall be submitted for payment within 10 days of project completion. A copy of the invoice shall be submitted to West Tennessee Regional Office via mail, fax or e-mail (address: 21540 Natchez Trace Road, Wildersville, TN 38388, fax:731-968-5668;or e-mail: susan.blankenship@tn.gov).

Authorized Contacts: Steve O'Dell, Office 731-968-6608, Cell 731-307-9716, steve.odell@tn.gov or Roger Blankenship 731-307-9715 or roger.blankenship@tn.gov

Note: Before the Contract resulting from this ITB is signed, the apparent successful proposer must be registered with the Department of Revenue for the collection of Tennessee sales and use tax. The State shall not approve a contract unless the proposer provides proof of such registration. The foregoing is a mandatory requirement of an award of a contract pursuant to this solicitation.